

Radio Networks Planning, Review and Procurement

CAPABILITY STATEMENT

Point to point radio links are critical components of modern telecommunication networks. This radio infrastructure is critical to the operation of other radio systems such as Public Safety, Mobile Networks and LAN / WAN interconnection between sites.

The design of radio links is a complex engineering exercise which must consider many factors to achieve reliable and cost-effective links. Any system loss inherent within the design or implementation will result in a highly unreliable link.

WHO WE ARE

Gravelroad engineers can provide specialised radio skills for the delivery of new networks or the review of current network issues to assess and validate proposed link designs or assist with a complete network design and procurement.

We remain independent from any network equipment suppliers or constructors and can provide unbiased, engineering analysis of telecommunication infrastructure status and performance.

WHAT WE DO

Gravelroad can provide expert support including:

- **Network Delivery** – Provide technical expertise for the delivery of new networks including planning, procurement, design and delivery onsite.
- **Existing Network Links Technical Evaluation** – On behalf of network owners, Gravelroad can review existing network performance, identifying options for improving the network and solutions for extension or expansion.
- **Network Analysis** – Review existing networks to identify single points of failure and performance risks and then provide a plan for mitigation.